

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

BRIDGE

INSPECTION

RECORDS

INFORMATION

SYSTEM

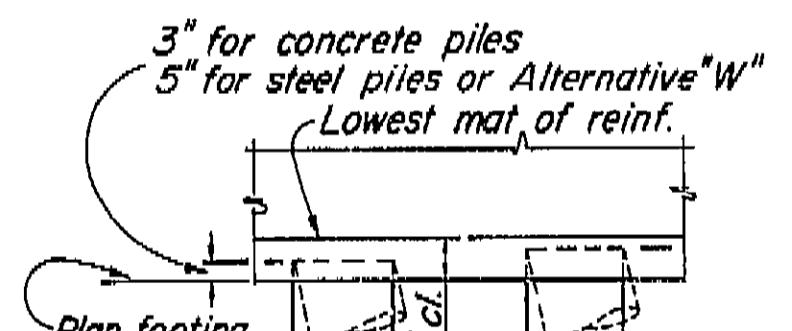
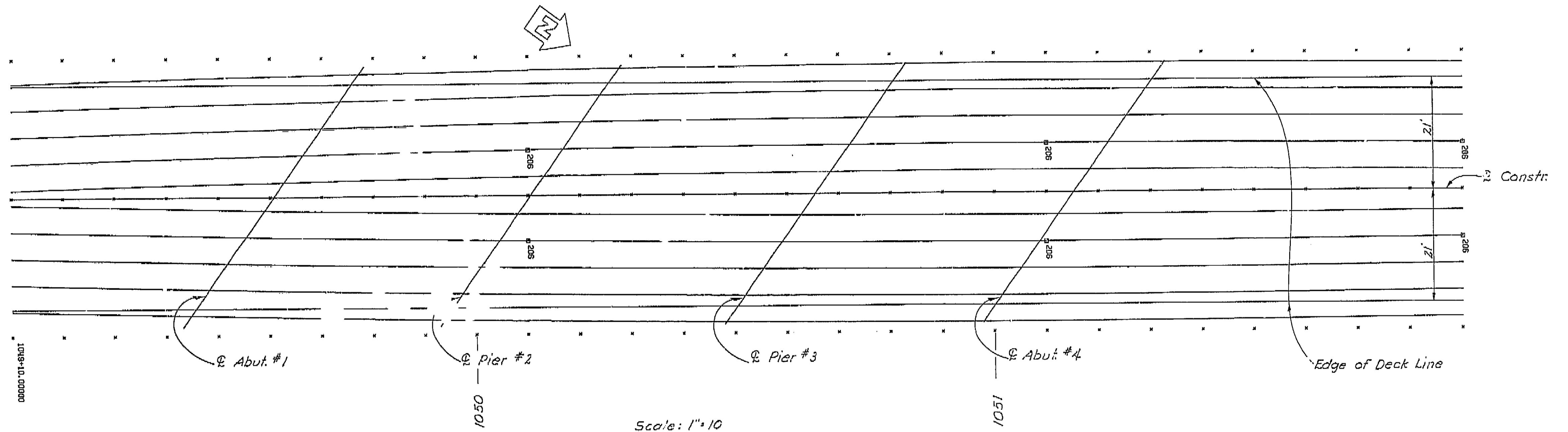
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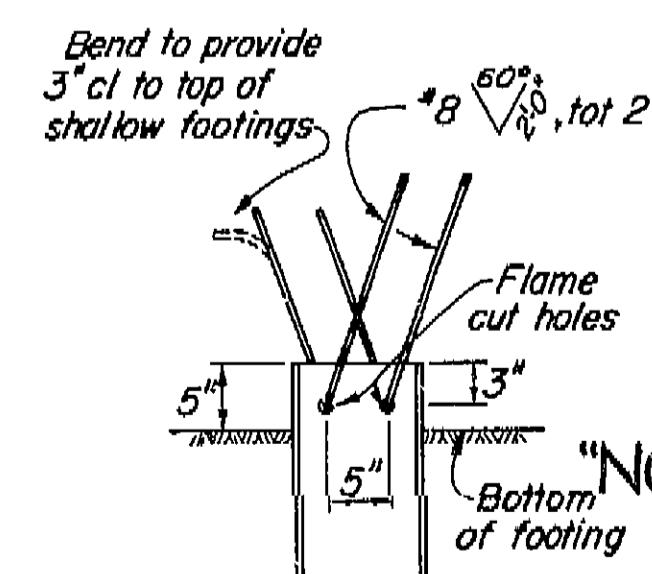
Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.

DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	BALLET	TOTAL
06	TUL	43	9.9/22.1	42	49

Lester H. Campbell
DESIGN SECTION APPROVED
REG. PROFESSIONAL ENGINEER NO. 3320
DATE APPROVED January 20, 1975



PILE EMBEDMENT



STEEL PILE ANCHOR

AS BUILT PLANS
Contract No. 06-096404
Date Completed _____
Document No. 6000.6678

GENERAL NOTES
DESIGN: A.A.S.H.O. dated 1973 with revisions and as supplemented by BRIDGE PLANNING AND DESIGN MANUAL.

LIVE LOADING: HS20-44 and alternative

REINFORCED CONCRETE: $f_s = 24,000$ psi except
= 20,000 psi in transverse deck slabs
and stirrups
 $f_c = 1,300$ psi, except
= 1,200 psi in transverse deck slabs
 $n = 10$

STRUCTURAL STEEL: $f_s = 20,000$ psi

FOOTING PRESSURE: (TONS PER SF) ALLOWABLE DESIGN

INDEX TO PLANS

SHEET NO.	TITLE
1.	GENERAL PLAN
2.	DECK CONTOURS - INDEX TO PLANS
3.	FOUNDATION PLAN
4.	ABUTMENT DETAILS
5.	PIER DETAILS
6.	TYPICAL SECTION & GIRDER LAYOUT
7.	GIRDER REINFORCEMENT
8.	SIMPLE BEAM WINGWALL DETAILS
9.	LOG OF TEST BORINGS

STANDARD PLANS DATED JANUARY, 1975

- A62-BB EXCAVATION AND BACKFILL, BRIDGES AND WALLS
- B0-1,3,5 BRIDGE DETAILS
- B2-1 CONCRETE PILE DETAILS - CLASS 45-1 & 45-2
- B2-5 CONCRETE PILE DETAILS - CLASS 70
- B7-1 BOX GIRDER DETAILS
- B7-10 UTILITY OPENING - BOX GIRDER
- B11-39 BARRIER RAILING TYPE 9
- B11-43 METAL RAILING DETAILS TYPES 9 & 11

Standard Plan Sheet No.
Detail No.

BRIDGE DEPARTMENT DESIGN SECTION 4

Project Engineer	<i>J. Miyake</i> 10-11
DESIGN	By <i>J. Miyake</i> 10-11 Checked <i>J. Seares</i>
DETAILS	By <i>J. Miyake</i> 10-11 Checked <i>J. Seares</i>
QUANTITIES	By <i>J. Miyake</i> 10-11 Checked <i>J. Miyake</i> 10-11

NAME OF CONTRACTOR
TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

TULE RIVER BRIDGE

DECK CONTOURS - INDEX TO PLANS

BRIDGE NO.	POST MILE	DRAWING NO.	SECTION OF
NO. 46-122			2 9

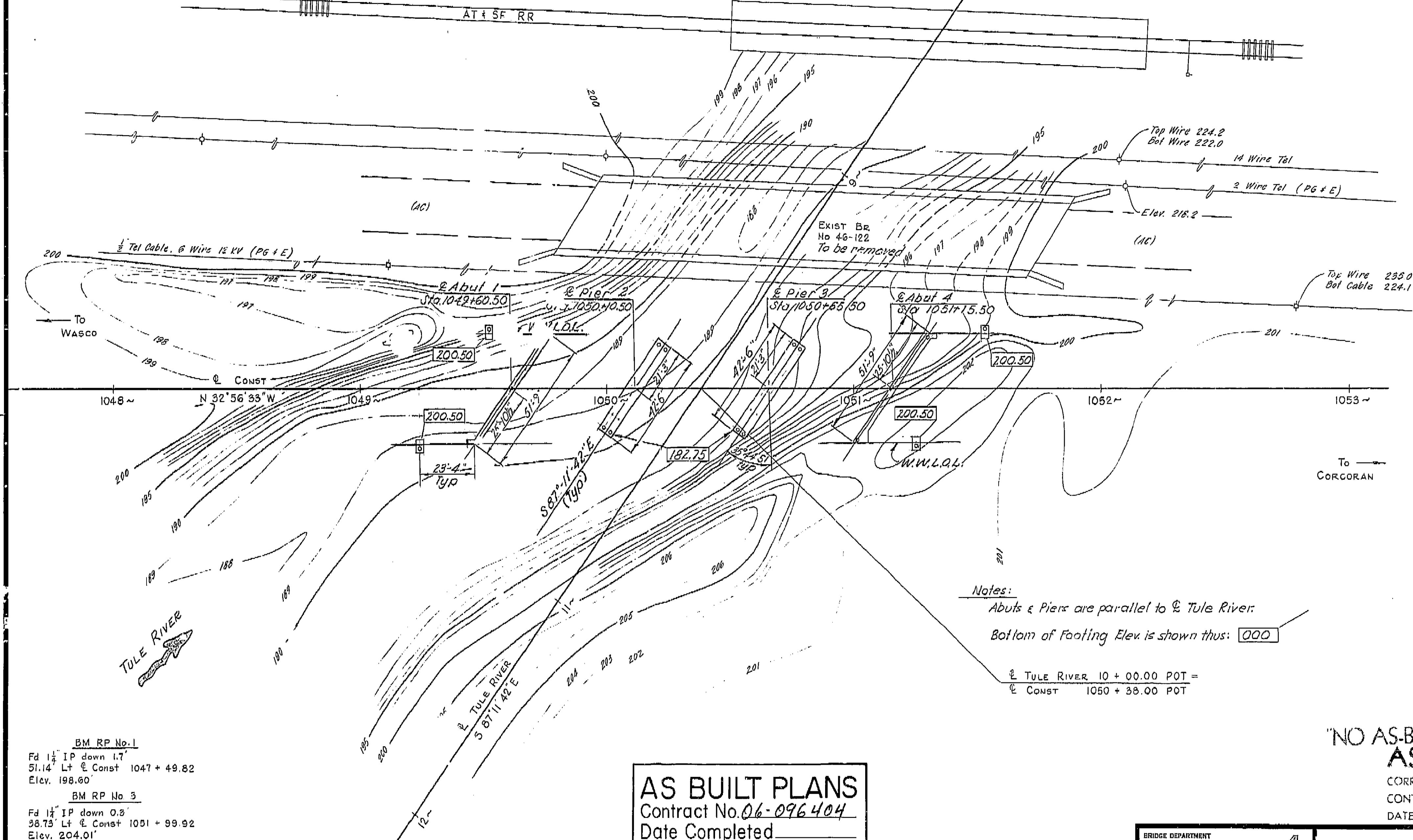
DISREGARD PRINTS BEARING EARLIER REVISION DATES → *10-11 10-11 10-11 10-11*

(PRELIMINARY STAGE ONLY)

MICROFILMED
SEP 8 1976

DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	MILE	TOTAL
06	Tul	43	9.9/22.1	43	49

John H. Canfield
DIVISION SECTION SUPERVISOR
SACRAMENTO CIVIL ENGINEER NO. 200
DATE APPROVED January 4, 1975



AS BUILT PLANS
Contract No. 06-096404
Date Completed _____
Document No. 60006678

"NO AS-BUILT CORRECTIONS"
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____ PR 46122-1

BRIDGE DEPARTMENT DESIGN SECTION 4		STATE OF CALIFORNIA TRANSPORTATION AGENCY DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Project <u>46-122</u> 10-71 Engineer <u>J. Miyake</u> 10-71 Design <u>E. Miyake</u> 10-71 Check <u>J. Miyake</u> 10-71 Details <u>W. J. Brumkeuren</u> 10-71 Check <u>J. Miyake</u> 10-71 Quantities <u>E. Miyake</u> 10-71 Check <u>J. Miyake</u> 10-71		TULE RIVER BRIDGE FOUNDATION PLAN BRIDGE NO. 46-122 POST MILE 19.8 WO 096401 SHEET 3 OF 9 CU 06200 REVISION DATES (PRELIMINARY STAGE ONLY) E-ALG 1/28/76 1/29/76 1/30/76 1/31/76	

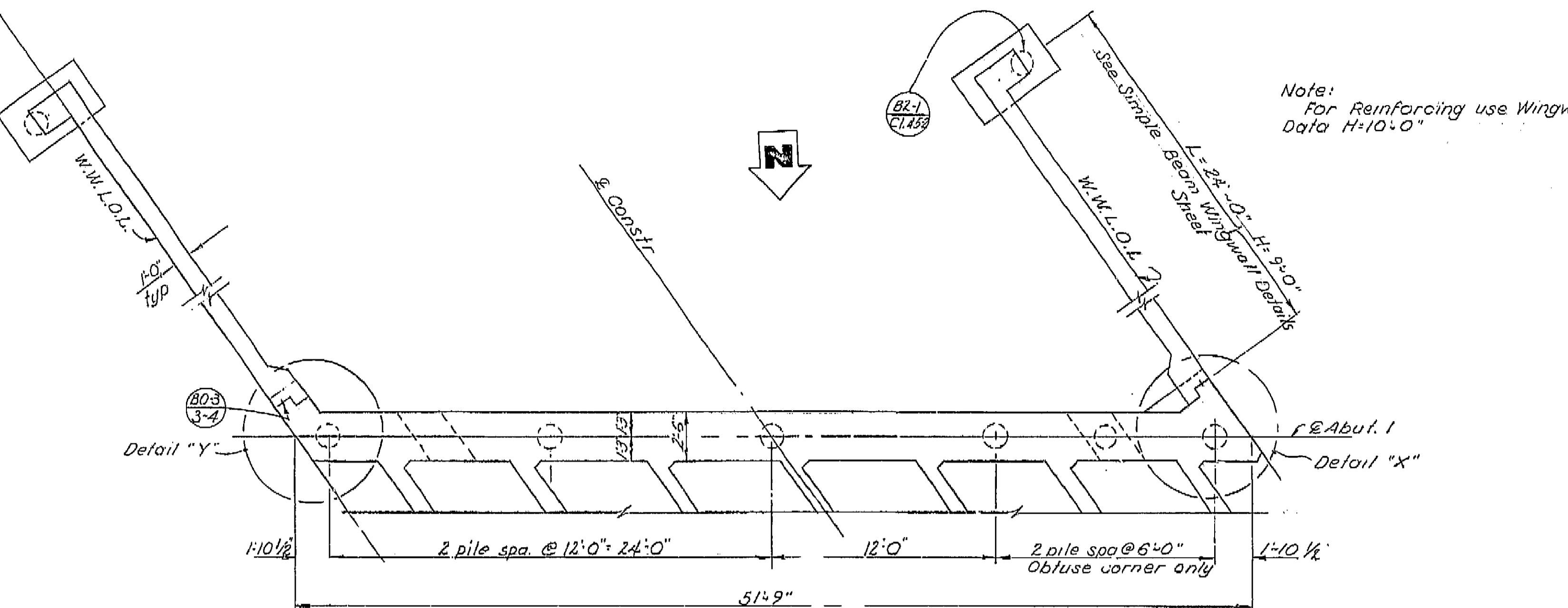
A3

SCALE	1" = 20'
LEVEL DATUM	USC G5 (1960)
FOR AUMENT TIES SEE PR 46122-6	
CONDITIONS AS OF	1-21
UTILITIES AS OF	1-21
SITE PLAN TO	SUPPLEMENT DISTRICT DATA
SURVEY BY	R.R.B.
DRAWN BY	W.P.J.
TRACED BY	J.L.L.
DATE 1-21	
DATE 2-7-71	
DATE 3-2-71	

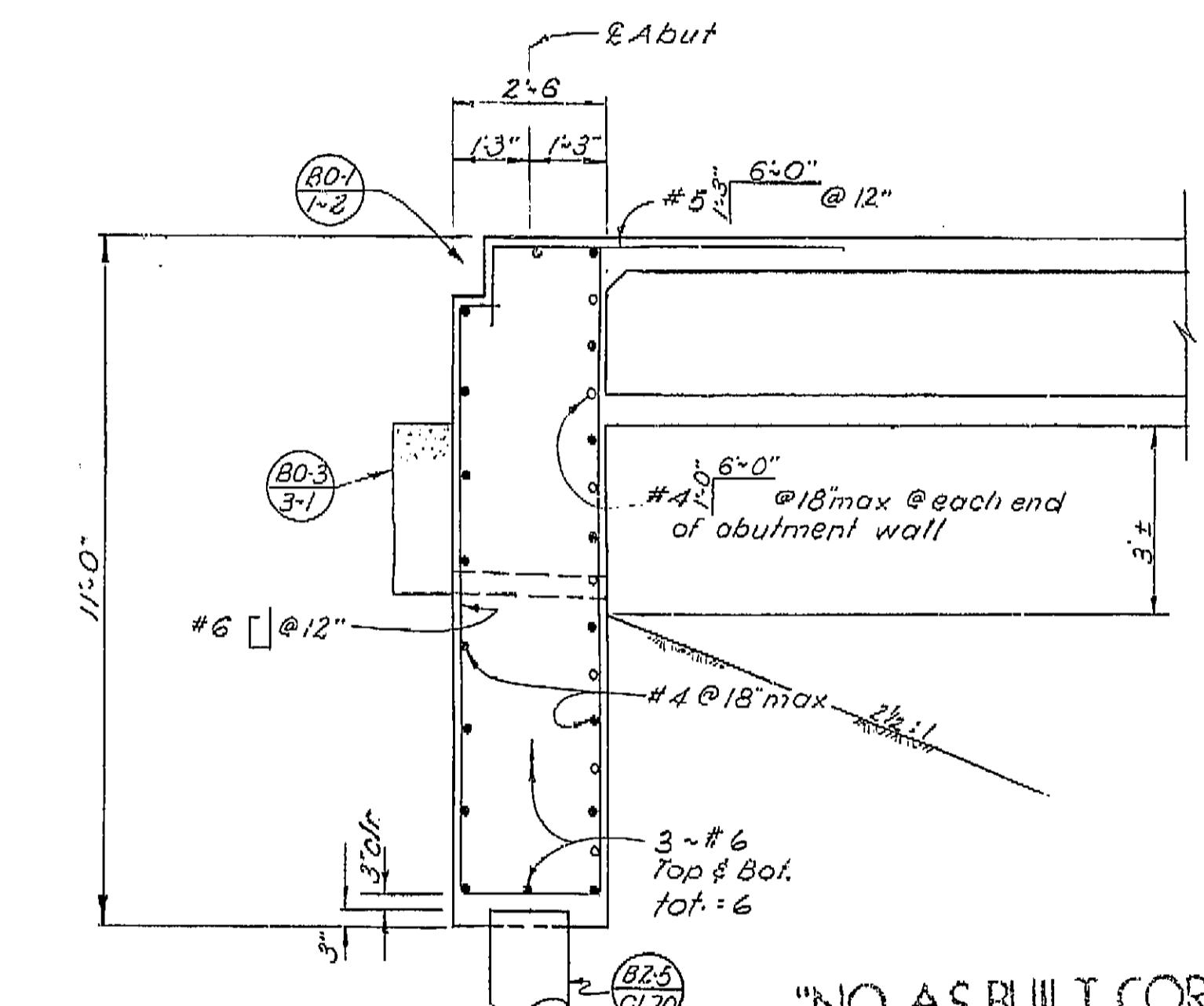
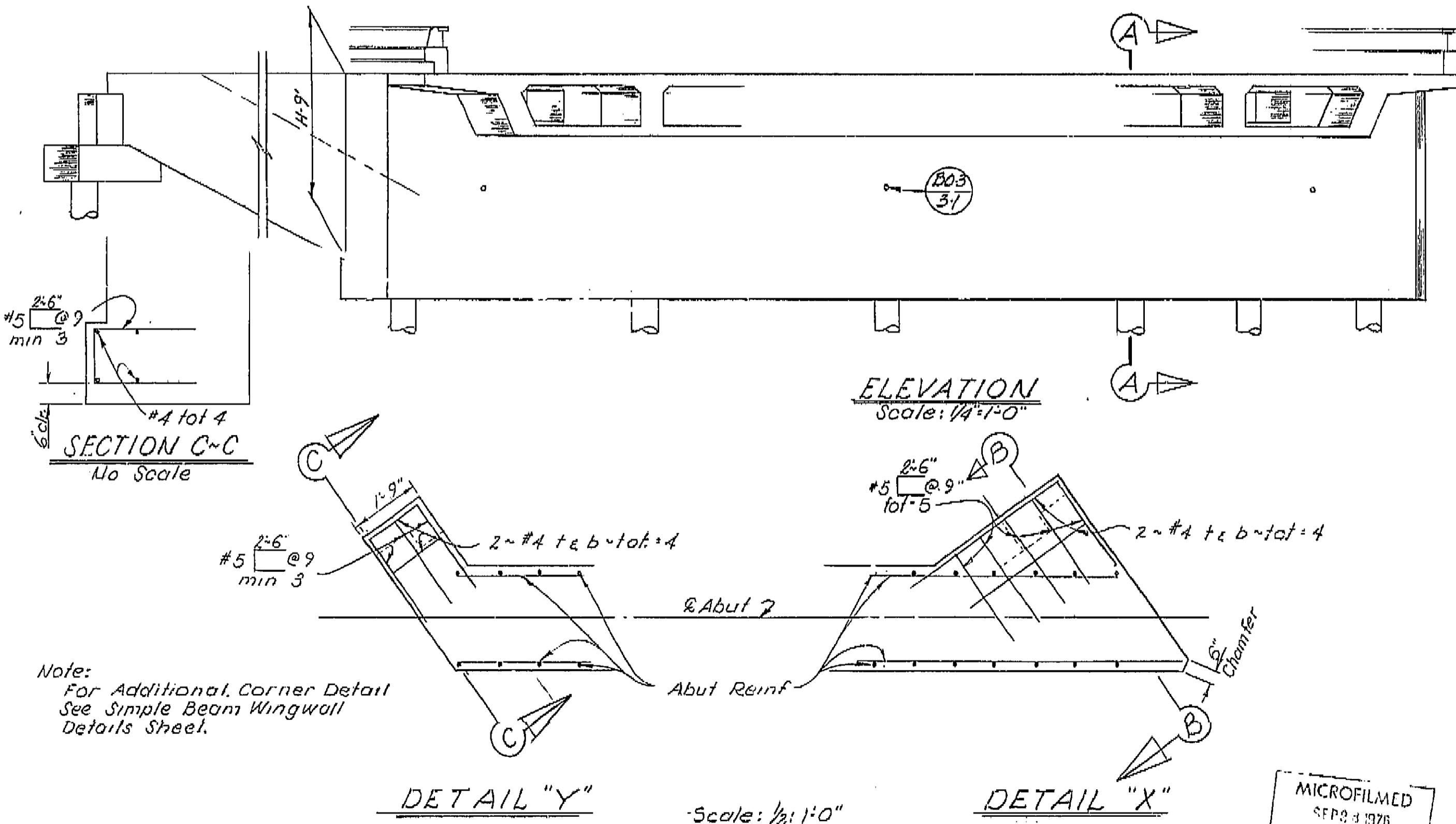
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 9/28/76 SIGNATURE Joseph M. Canfield

DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	UNIT	DATE SHEET
06	TU1	43	9.9 / 22.1	44	49

John H. Campbell
REGISTERED CIVIL ENGINEER NO. 9760
DATE APPROVED January 20, 1975



AS BUILT PLANS
Contract No. 06-096404
Date Completed _____
Document No. 60006678



"NO AS-BUILT CORRECTIONS"
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE _____

BRIDGE DEPARTMENT DESIGN SECTION 4		STATE OF CALIFORNIA TRANSPORTATION AGENCY DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Project Engineer	By <i>J. Miyake</i> 10-71	TULE RIVER BRIDGE	
DESIGN	By <i>J. Miyake</i> 10-71	ABUTMENT DETAILS	
DETAILS	By <i>J. K. Campbellson</i> 9/71	Bridge No.	16-122
QUANTITIES	By <i>J. Miyake</i> 10-71	Post Mile	19.8
	On file 7800 10-71	Drawing No.	4 9
REVISION DATES (PRELIMINARY STAGE ONLY)			
9/28/76 10/24/76 10/24/76 10/24/76			

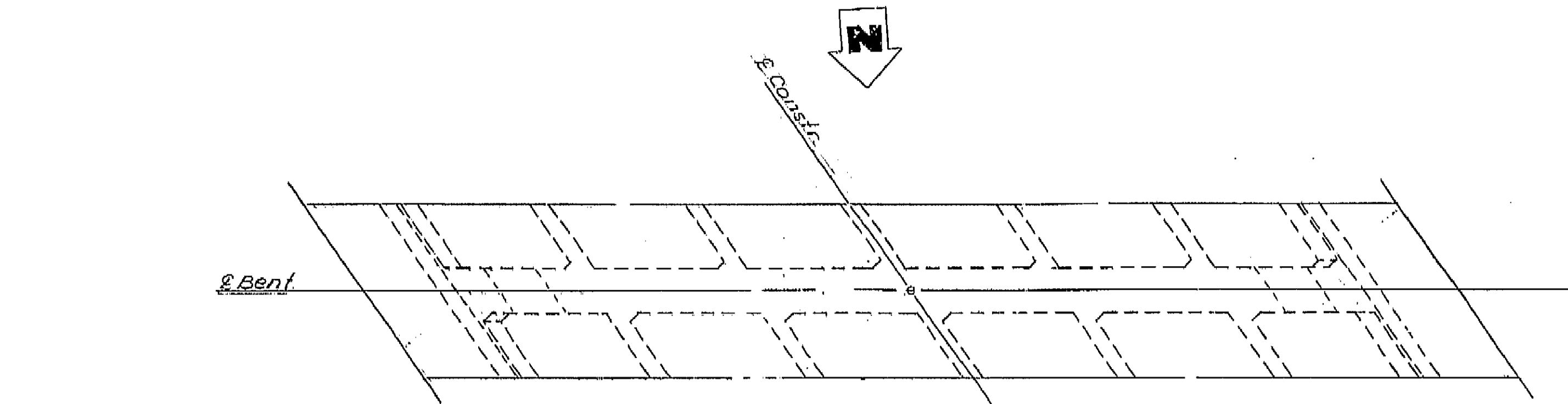
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION

Date 9/28/76 Signature S. Campbellson Title Section Engineer

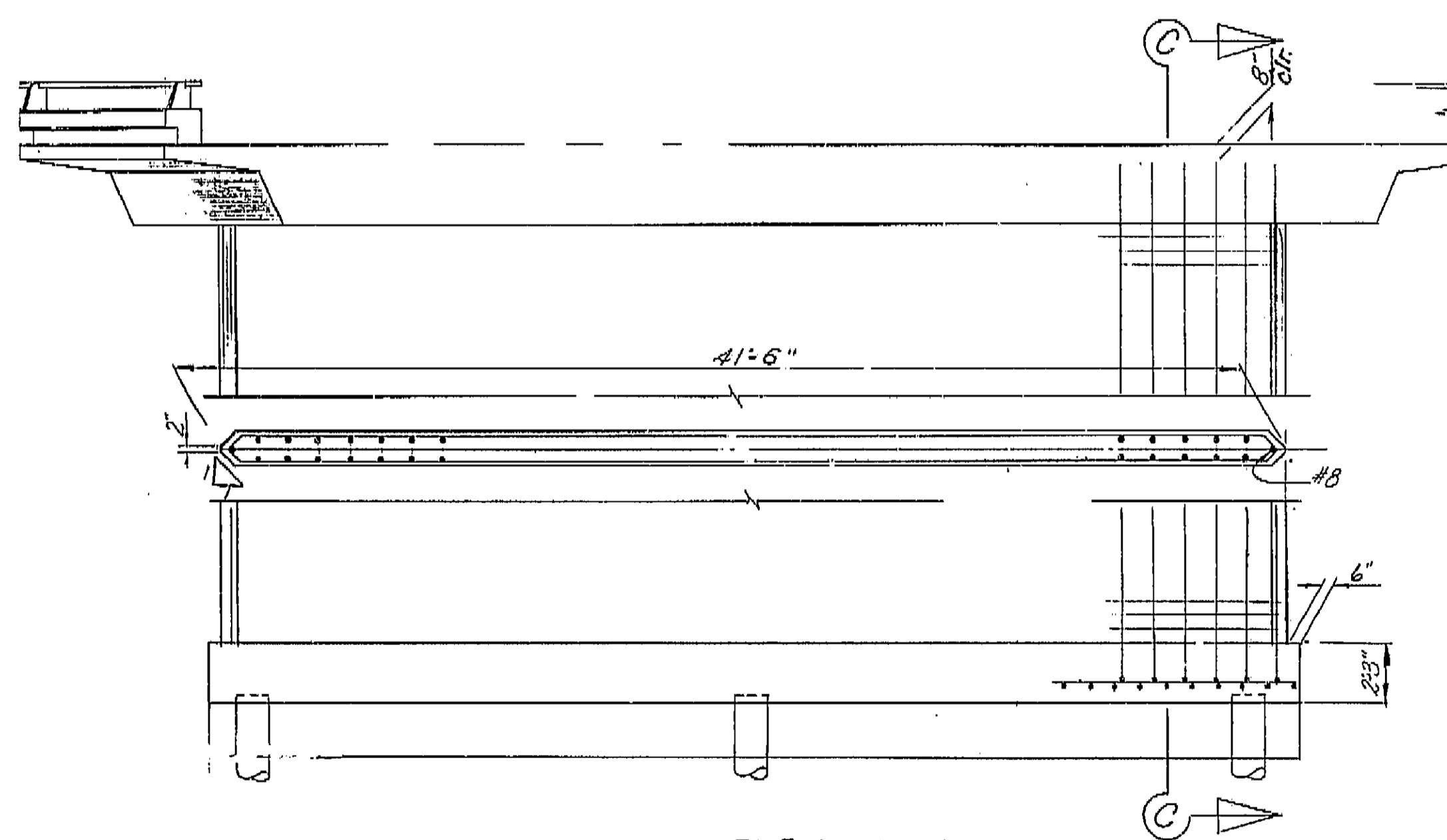
DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	BRIEF	TOTAL
06	TUL	43	3.9122.1	45	49

John H. Canfield
LICENSED STRUCTURE ENGINEER
REGISTERED CIVIL ENGINEER NO. 9760
DATE APPROVED January 20, 1975

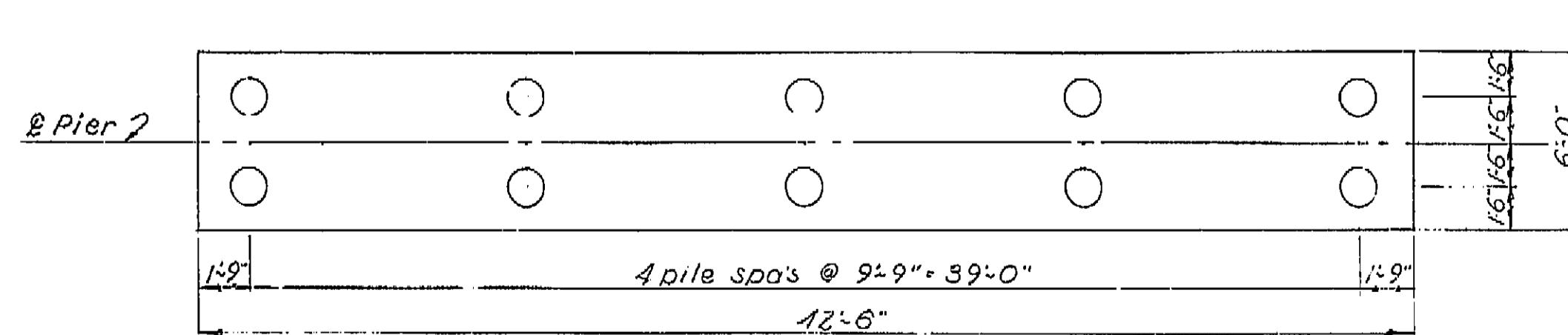
AS BUILT PLANS
Contract No. 06-096404
Date Completed
Document No. 60006678



Note:
Pier 2 is shown and
Pier 3 is similar



ELEVATION
Scale: 1/4"=10"



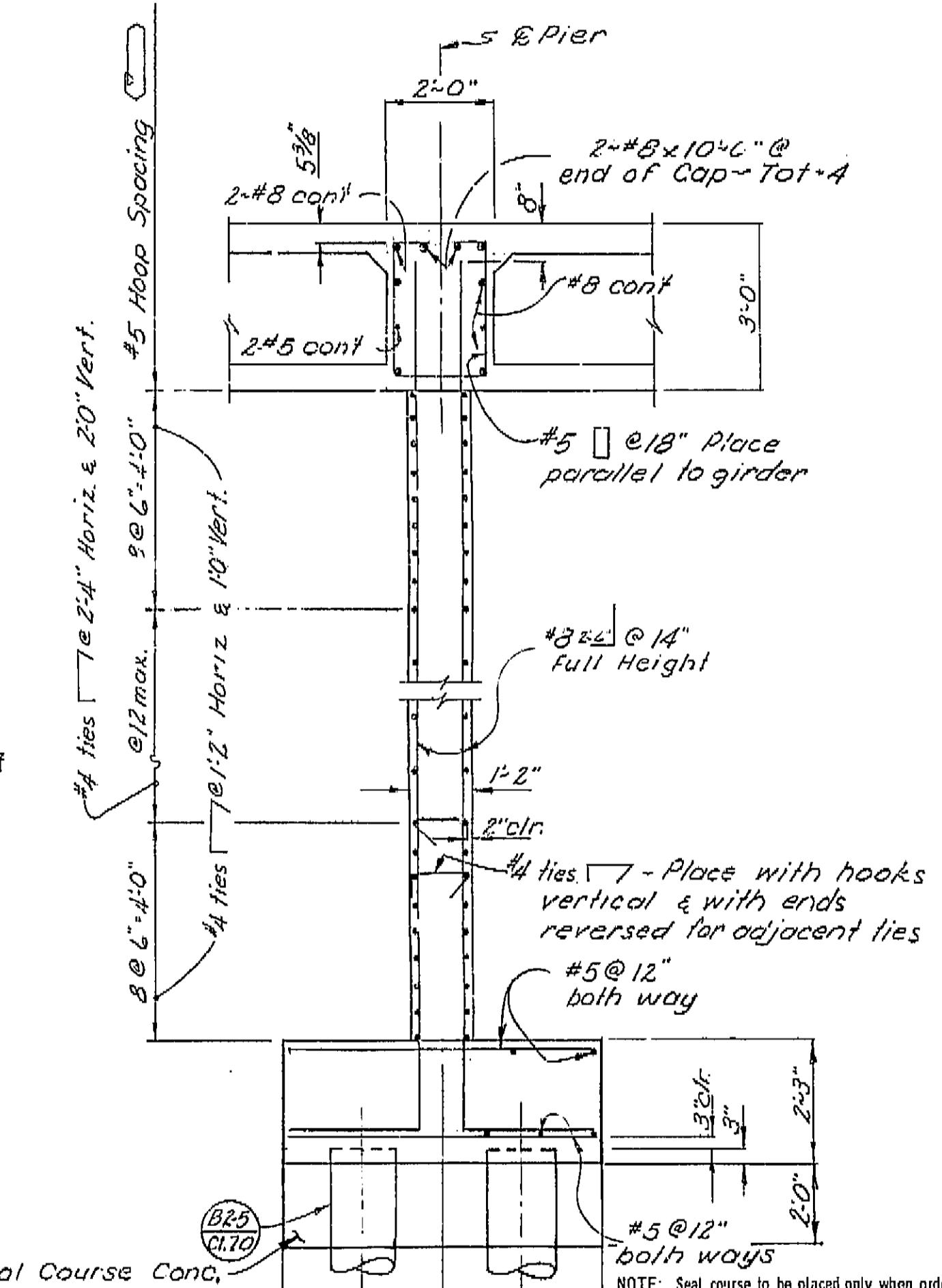
FOOTING PLAN
Scale: 1/4"=10"

MICROFILM
SEP 4 1976

AS BUILT

CORRECTIONS BY W.L. Nielsen
CONTRACT NO. 096404
DATE 1-12-76 1-14-8-17-76

WO 096401
CU 06200



SECTION C-C
Scale: 1/2"=10"

BRIDGE DEPARTMENT	
DESIGN SECTION 4	
Project	<u>W.L. Nielsen 10-71</u>
Engineer	<u>W.L. Nielsen 10-71</u>
Design	<u>W.L. Nielsen 10-71</u>
Check	<u>W.L. Nielsen 10-71</u>
Details	<u>W.L. Nielsen 8-71</u>
Check	<u>W.L. Nielsen 8-71</u>
Quantities	<u>W.L. Nielsen 10-71</u>
Check	<u>W.L. Nielsen 10-71</u>

STATE OF CALIFORNIA
TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

TULE RIVER BRIDGE

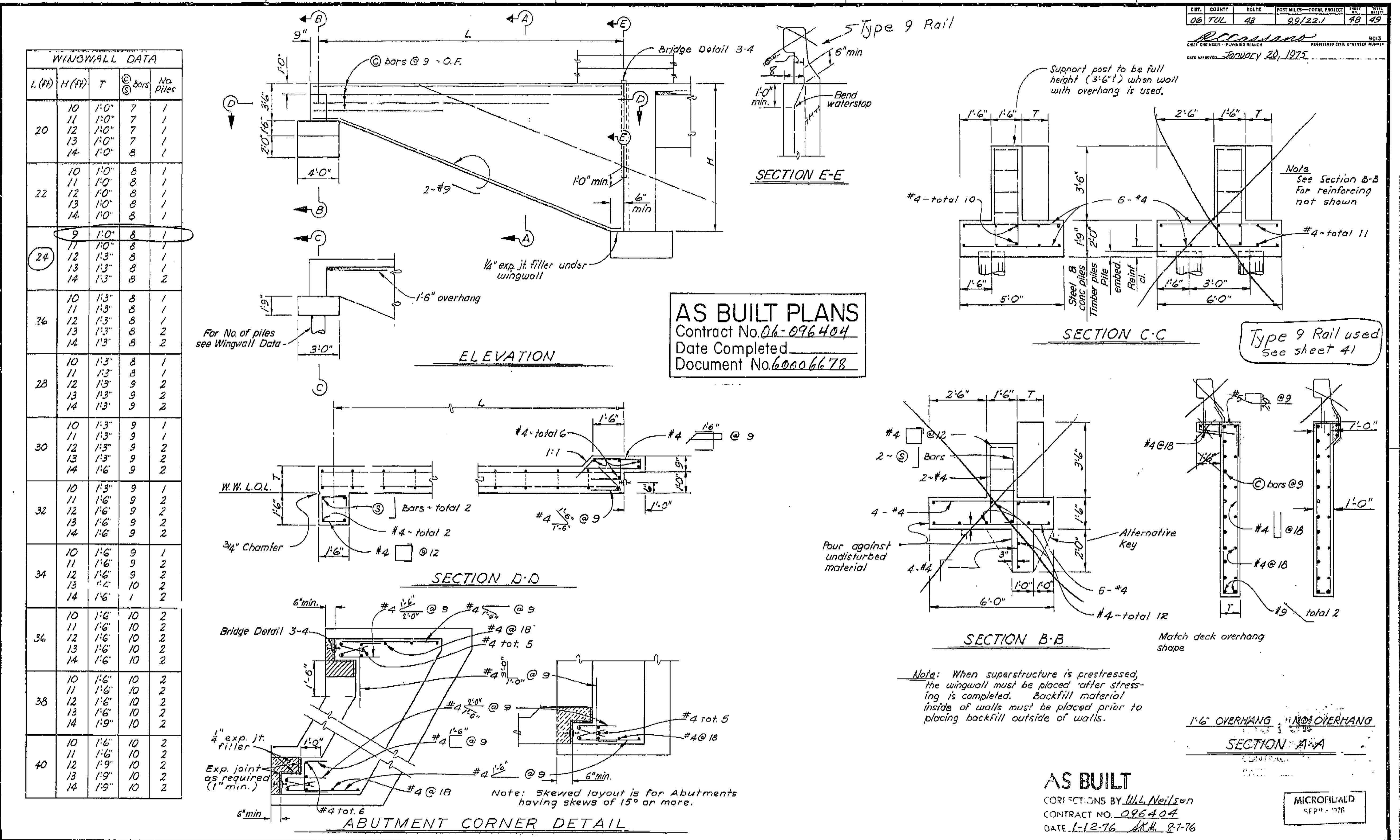
PIER DETAILS

BRIDGE NO.	POST MILE	DRAWING NO.	SHEET OF
16-122	19.8	5	9

Discard prints bearing earlier revision dates →

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 9/28/76 SIGNATURE Douglas M. Canfield TITLE Supervisor

REV. 1968 12/14/70 8-14 10-8



STANDARD DRAWING

FILE NO. XS-4-25	DESIGN BY T. Nakamura Checked	Approval Recommended By _____
DRAWING DATE 6/74	DETAILS BY _____	Design Engineer REGISTERED CIVIL ENGINEER NUMBER _____
SUBMITTED BY _____		

State of CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OFFICE OF STRUCTURES DESIGN GROUP

BRIDGE NO. 46-122

POST MILE 19.8

TULE RIVER BRIDGE

SIMPLE BEAM WINGWALL DETAILS

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 CU WO

Disregard prints bearing earlier revision dates → 8/14/74

REVISION DATES (Preliminary Stage Only) SHEET 07

8 9

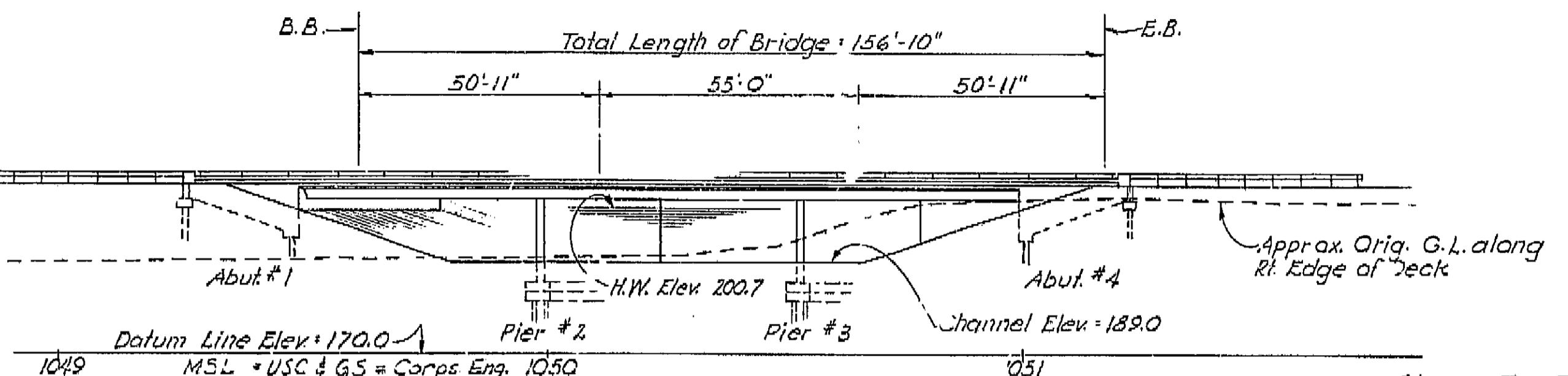
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION
9/28/76 Joseph M. Gatto Superintendent
D-653-76

REVISE ALL A SHEET

Sta. 1043+00 B.V.C.
Elev. 205.25
+0.23%

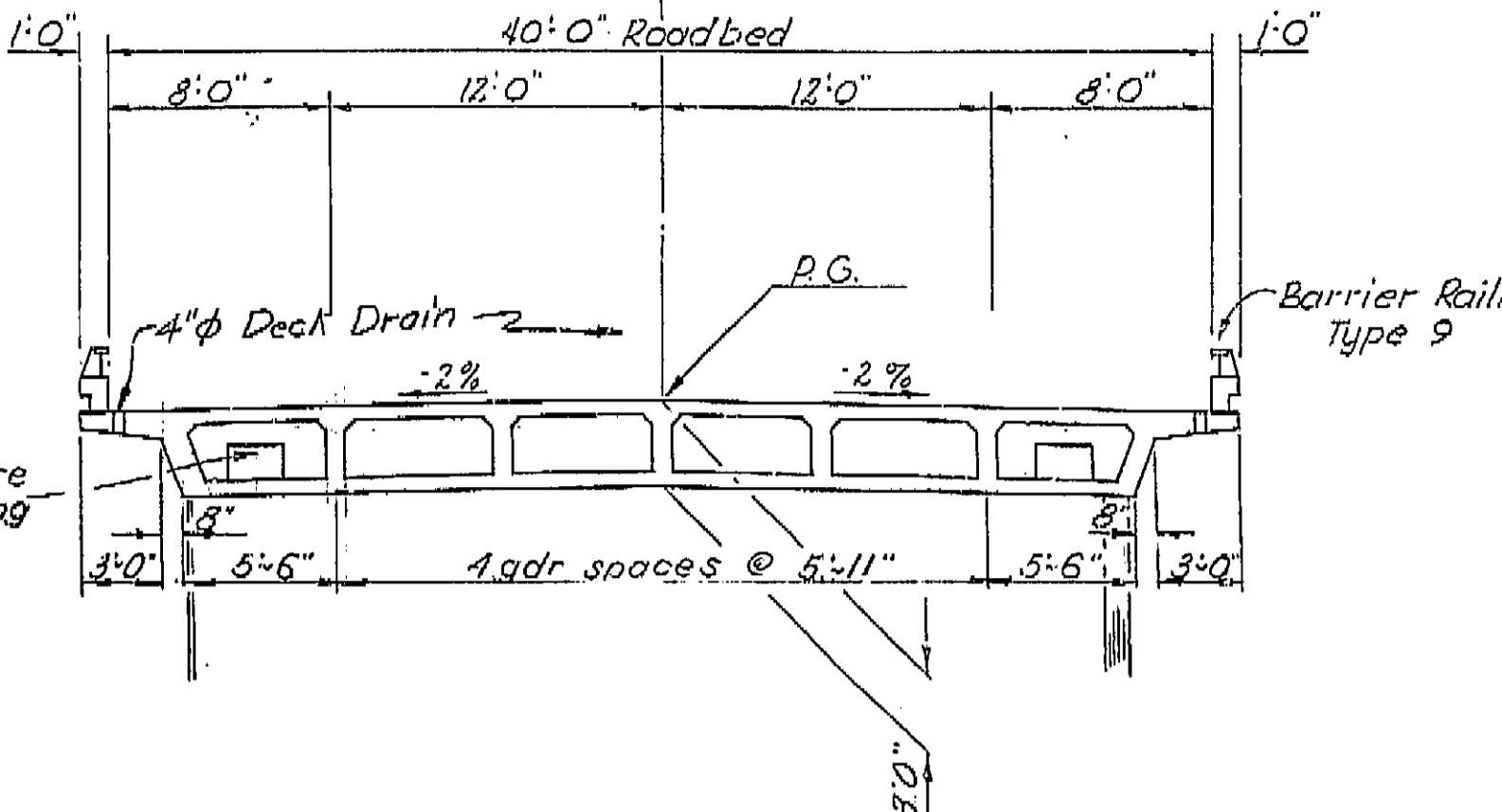
1200' V.C. = RIC = 0.02833 % / Sta.

Sta. 1055+00 E.V.C.
Elev. 205.97
-0.11%

PROFILE GRADE

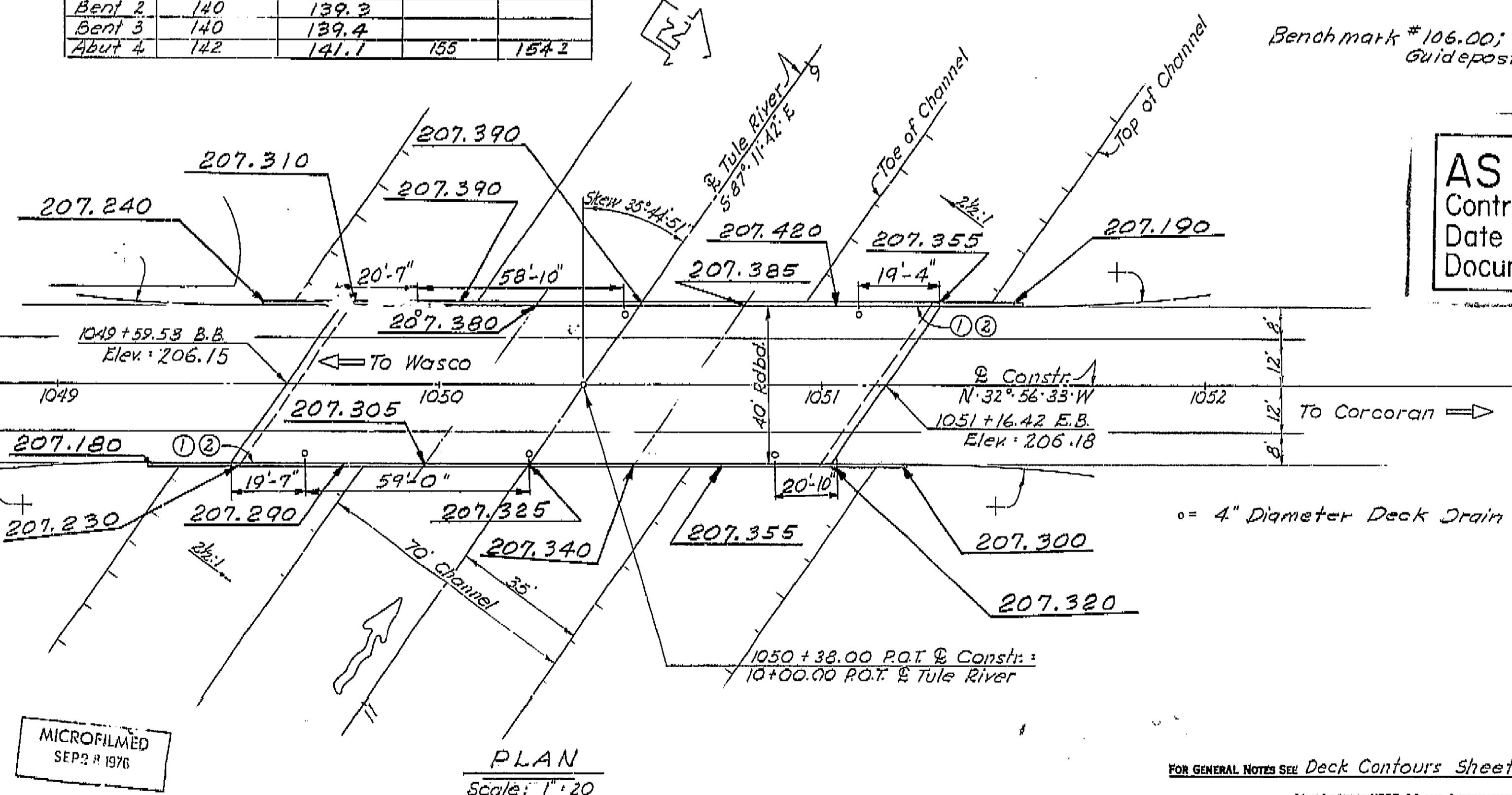
Note: Bridge/Deck profile shown is 0.25 higher than the roadway profile for transition from roadway to plant.

Bridge Deck Profile is same as Roadway Profile.

ELEVATION

Scale: 1:51

	Class 70 Piles	Class 45-2 Piles		
Specified	Tip Elevations	Specified	Tip Elevations	
Average	Average	Average	Average	
Abut 1	136	133.0	155	155.2
Bent 2	140	139.3		
Bent 3	140	139.4		
Abut 4	142	141.1	155	154.2



MICROFILMED
SEP 2 1976

PLAN
scale: 1:20

FOR GENERAL NOTES SEE Deck Contours Sheet

LIVE LOADING HS20-44 AND ALTERNATIVE

WO 096401
CU 06200

TYPICAL SECTION

Scale: 3/16" 1:10

Class 70 Piles: 12" dia Precast, Prestressed, concrete piles from Kie-Con, Inc., Pleasanton, Calif.

Class 45 Piles: 10" dia Precast, Prestressed, Concrete piles from Kie-Con, Inc., Pleasanton, Calif.

Note: on 70T piles, 3'0" of wire strands used in lieu of grouting dowels

Benchmark #106.00; Elev. 200.055
Guidepost down 04' 56' Lt. Sta. 1060+00

AS BUILT PLANS

Contract No. 06-096404

Date Completed

Document No. 60006678

APPROXIMATE QUANTITIES

LUMP SUM
135 LF
1,535 LF
4 EA
55 CY
32 EA
26 LF
420 LF

FINAL PAY QUANTITIES
STRUCTURE EXCAVATION (BRIDGE)
STRUCTURE EXCAVATION (TYPE A)
STRUCTURE BACKFILL (BRIDGE)
STRUCTURAL CONCRETE, BRIDGE FOOTING
BAR REINFORCING STEEL (BRIDGE)
STRUCTURAL CONCRETE, BRIDGE
155 CY
220 CY
105 CY
50 CY
140,000 LB
535 CY

AS BUILT

CORRECTIONS BY W.L. Nelson
CONTRACT NO. 096404
DATE 1-2-76 SHEET 8-17-76

BRIDGE DEPARTMENT

DESIGN SECTION

Section Supervisor: John J. Canfield
Project Engineer: G. Maguire

DESIGN	Y. Miyake 10-11	Checklist	J. Lewis
DETAILS	10-11	Checklist	J. Lewis
LAYOUT	Y. Miyake 10-11	Checklist	J. Lewis
QUANTITIES	Y. Miyake 10-11	Checklist	Joe 2 Pines
SPECIFICATIONS	Y. Miyake 10-11	Checklist	Joe 2 Pines

Approval Recommended by: G. Maguire 10-11
Design Engineer: G. Maguire 10-11
Reviewed by: G. Maguire 10-11
Printed Date: 10-11
Printed Date: 10-11
Printed Date: 10-11

STATE OF CALIFORNIA
TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

TULE RIVER BRIDGE**GENERAL PLAN**

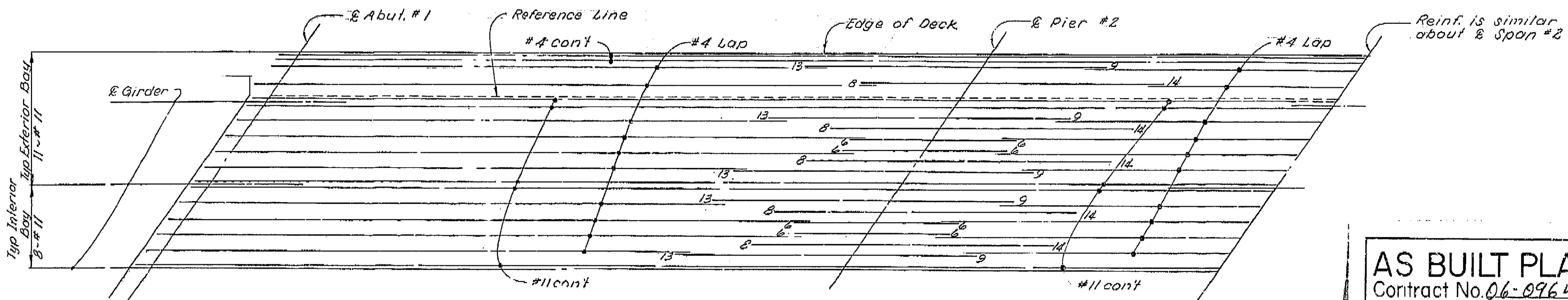
DRAWING NO. 46-122 POST MILE 19.8 DRAWING NO. 1/9
SHEET OF 1/9

REVISION DATES (PRELIMINARY STAGE ONLY)
1/12/76 1/12/76 1/12/76 1/12/76

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DATE: 9/28/76 SIGNATURE: Joseph M. Costa SUPERVISOR

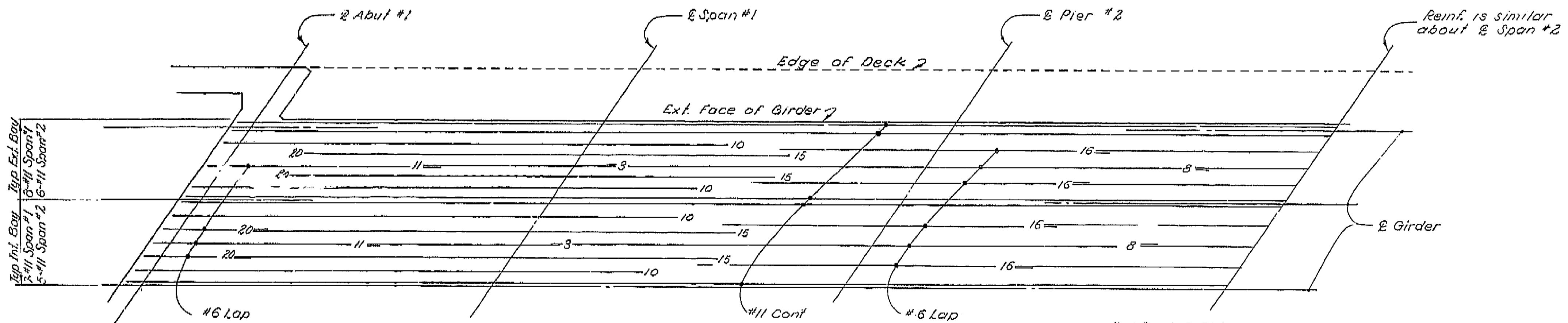
DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	WEIGHT	SPAN
06	TU1	43	9.9/22.1	47 49	

John H. Campbell
SECTION SUPERVISOR
ACQUISITION & UTIL. CONTRACT NO. 06-096404
DATE APPROVED January 20, 1970



AS BUILT PLANS
Contract No. 06-096404
Date Completed _____
Document No. 60006678

TOP REINFORCEMENT
Scale: 1/4" = 1'-0"



"NO AS-BUILT CORRECTIONS"
AS BUILT

CORRECTIONS BY _____
CONTRACT NO. _____
DATE. _____

BOTTOM REINFORCEMENT
Scale: 1/4" = 1'-0"

Note:
All reinforcement #11 unless noted otherwise.
Numbers at ends of bars indicate distance in feet from & Bent for Top Reinforcement or from & Span for Bottom Reinforcement.

BRIDGE DEPARTMENT		DESIGN SECTION 4		STATE OF CALIFORNIA TRANSPORTATION AGENCY DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Project Engineer	J. Miyake 10-71	Design	J. Miyake 10-71	TULE RIVER BRIDGE	
DETAILS	J. Kamikawa 8/71	Checked	J. Miyake 10-71	GIRDER REINFORCEMENT	
QUANTITIES	J. Miyake 10-71	Checked	J. Miyake 10-71	BRIDGE NO.	POST MILE
				46-122	19.8
				DRAWING NO.	SHEET OF
					7 9

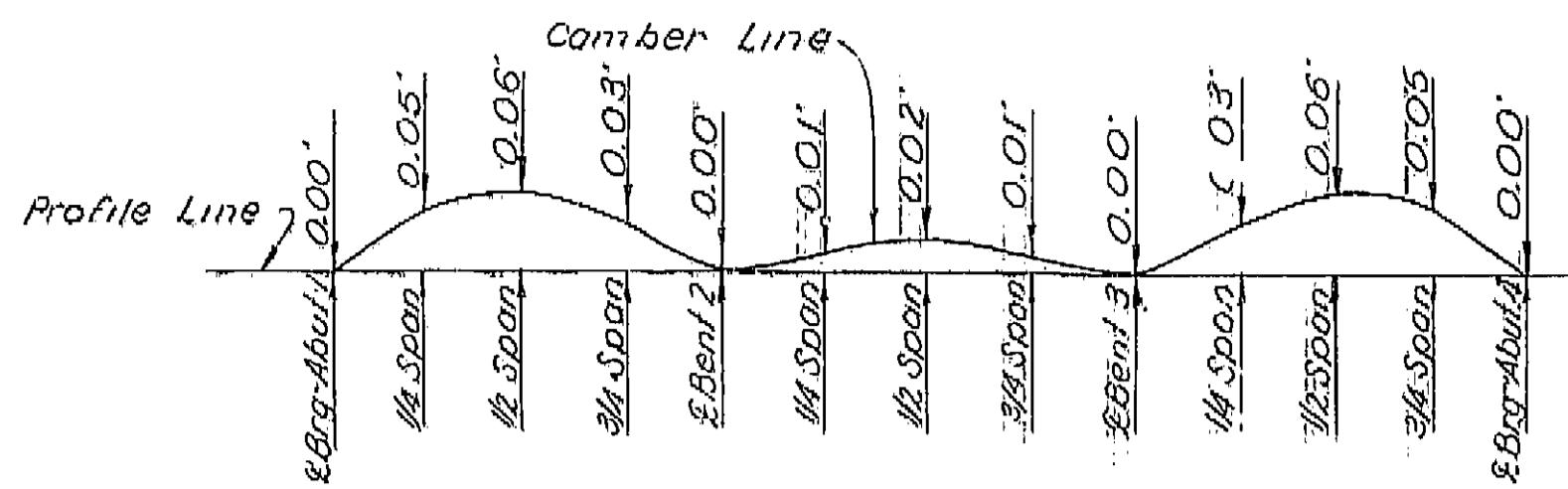
WO 096401
CU 06200

Disregard prints bearing earlier revision dates →

REVISION DATES (Preliminary Stage Only)
1/24/71 1/24/71

DIST.	COUNTY	ROUTE	POST MILES—TOTAL PROJECT	WEIGHT	TONS
06	TUL	43	9.9 / 22.1	46	49

John H. Parcilek
REGISTERED CIVIL ENGINEER NO. 9360
DATE APPROVED — January 20, 1975
1/20

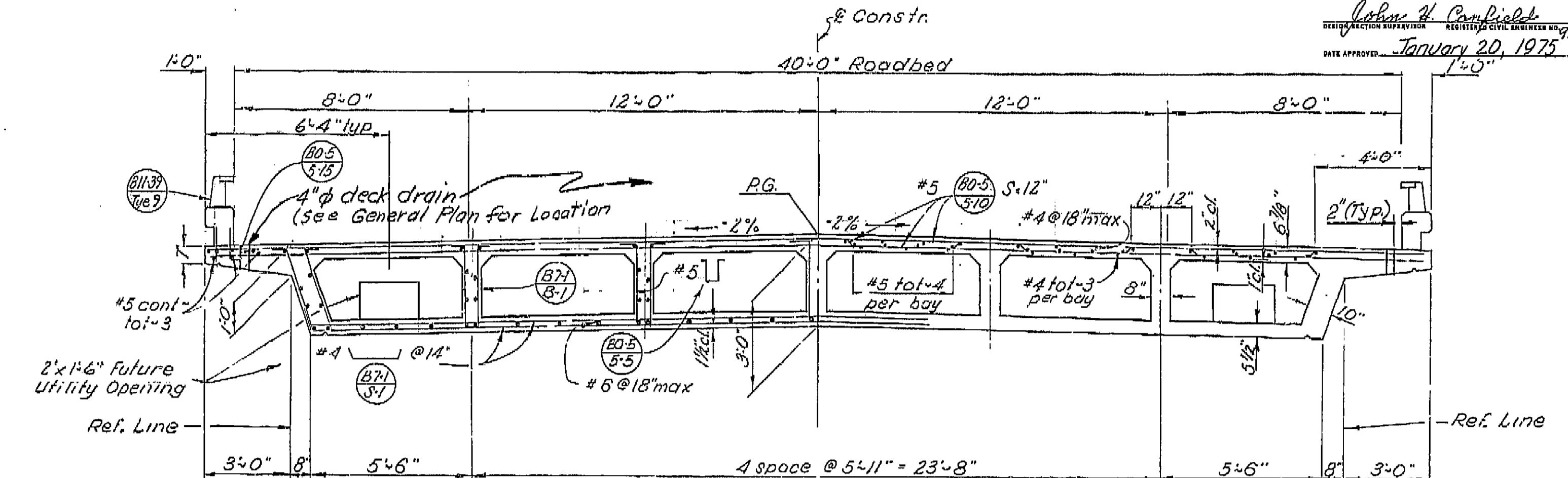


CAMBER DIAGRAM

No Scale
(Does not include allowance for falsework settlement)

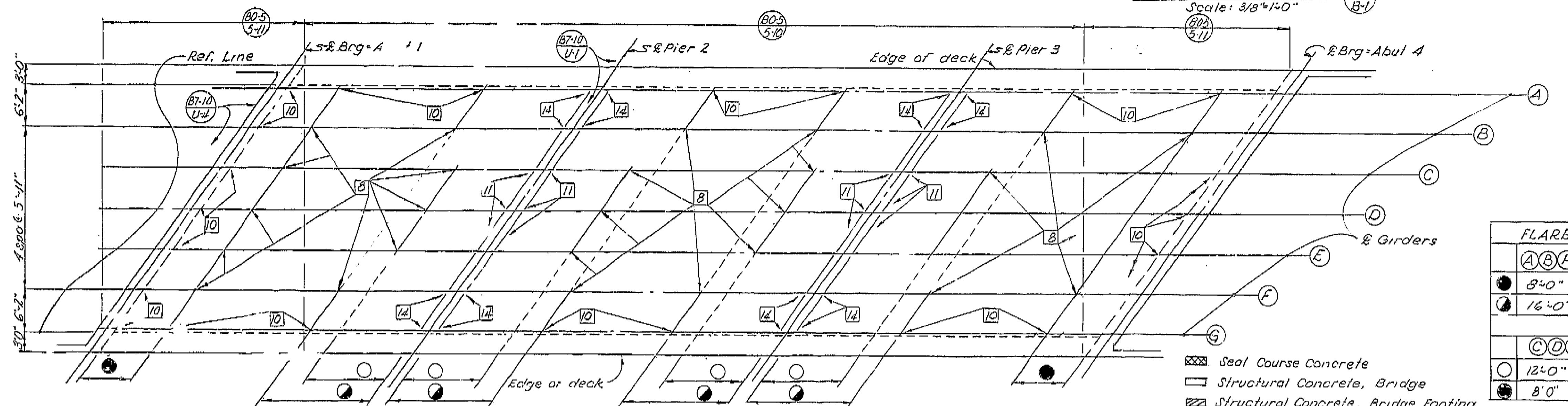
AS BUILT PLANS

Contract No. 06-096404
Date Completed _____
Document No. 60006678



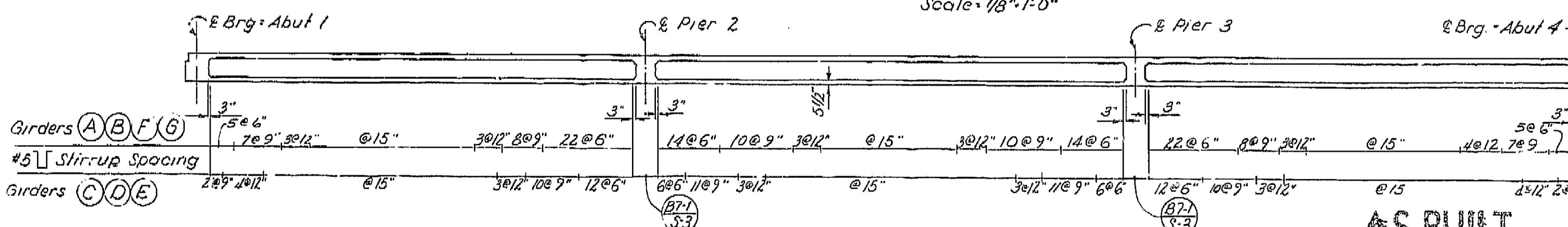
TYPICAL SECTION (B-1)

Scale: 1/8"=1'-0"



GIRDER LAYOUT

Scale: 1/8"=1'-0"



LONGITUDINAL SECTION

Scale: 1/8"=1'-0"

MICROFILMED
SEP 3 1976

AS BUILT

CORRECTIONS BY W.L. Nielsen
CONTRACT NO. 096404
DATE 1-12-76 JUN 8-17-76

W0096401
CU 06200

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
DATE 9-18-76 SIGNATURE *Gregory M. Coyle* TITLE *Superintendent*
DIVISION 70

BRIDGE DEPARTMENT	
DESIGN SECTION 4	
Project Engineer:	W.L. Nielsen 10-71
DESIGN:	W.L. Nielsen 10-71
Checklist:	✓ Seal
DETAILS:	W.L. Nielsen 8/71
Control:	Seal
QUANTITIES:	W.L. Nielsen 10-71
Checklist:	✓ Seal

STATE OF CALIFORNIA
TRANSPORTATION AGENCY
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

TULE RIVER BRIDGE

TYPICAL SECTION # GIRDER LAYOUT

BRIDGE NO. 46-122 POST MILE 19.8 DRAWING NO. 6 9

REVISION DATES PRELIMINARY STAGE ONLY
7/17/76 7/24/76 1/24/77